

Abstract

A method for producing a laser mark on reflective material by a laser beam is provided, wherein a plurality of images on the same laser mark can be observed only from different view angles. The method includes the steps
5 of selectively vaporizing the sides of each group of reflective bodies to form rough surfaces by a laser beam with a certain incident angle, and then selectively vaporizing another side of said each group of reflective bodies to form rough surfaces by a laser beam with another incident angle. Due to the different reflectivity of the rough surfaces and the unrough surfaces, dark
10 spots and bright spots are respectively formed and hence constitute pictures. Therefore, different images may be recorded and shown on the same reflective body by means of more than one surfaces thereof. The commercial reflective material can be used in the method of the invention, so that middle or small manufacturers can produce laser marks with high quality, low cost,
15 excellent optical effect and high difficulty of counterfeit by common computers and laser scanning devices.